FIG. 1

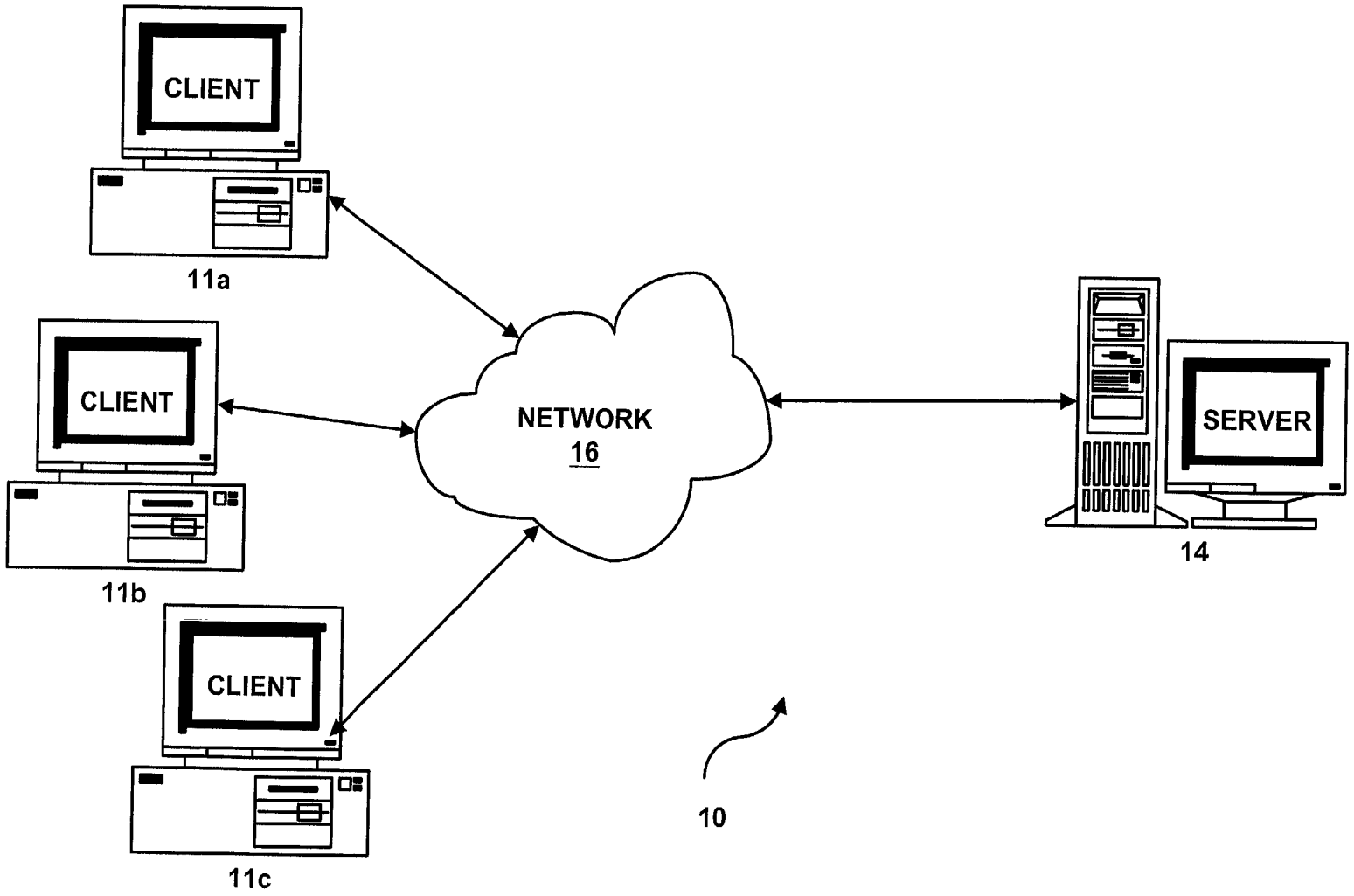


FIG. 2

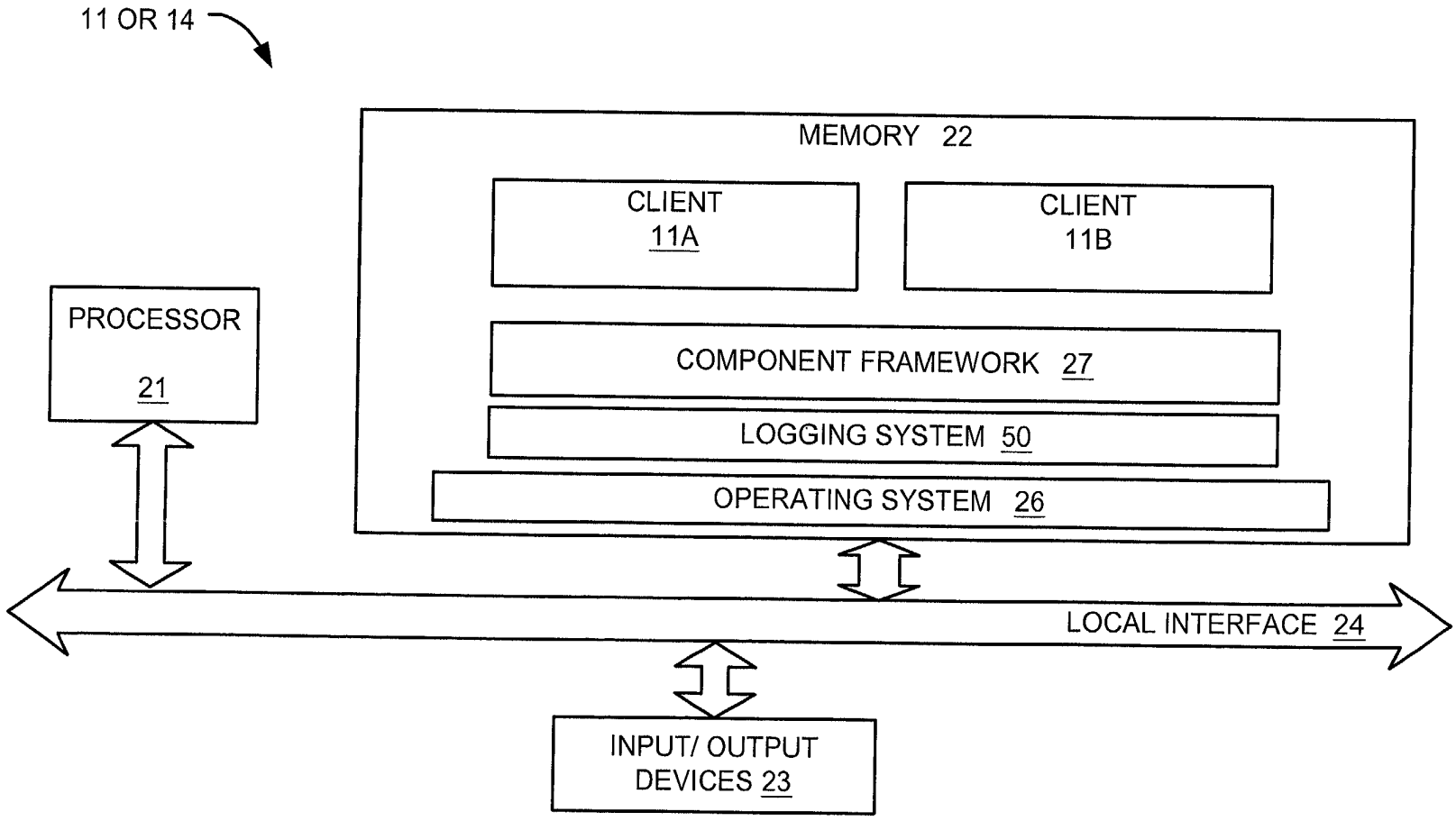

11 OR 14
MEMORY 22
CLIENT 11A
CLIENT 11B
PROCESSOR 21
COMPONENT FRAMEWORK 27
LOGGING SYSTEM 50
OPERATING SYSTEM 26
LOCAL INTERFACE 24
INPUT/ OUTPUT DEVICES 23

FIG. 3

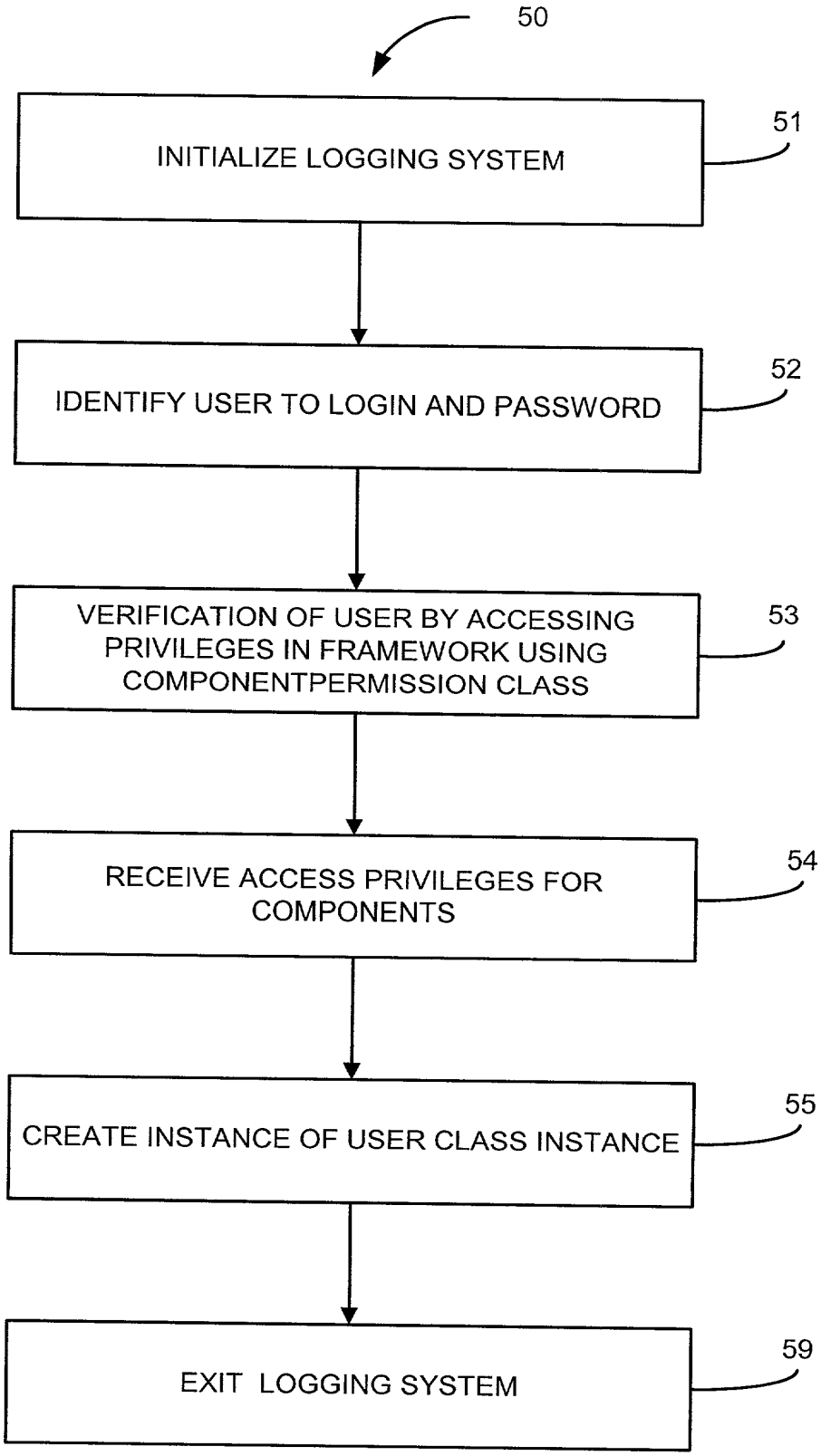
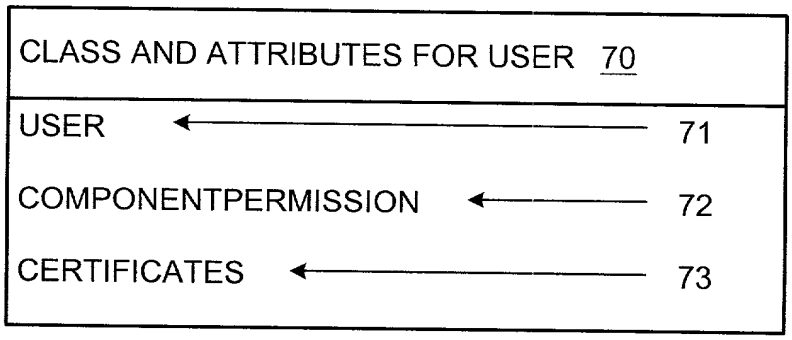

50
INITIALIZE LOGGING SYSTEM
51
IDENTIFY USER TO LOGIN AND PASSWORD
52
VERIFICATION OF USER BY ACCESSING PRIVILEGES IN FRAMEWORK USING COMPONENTPERMISSION CLASS
53
RECEIVE ACCESS PRIVILEGES FOR COMPONENTS
54
CREATE INSTANCE OF USER CLASS INSTANCE
55
EXIT LOGGING SYSTEM
59

FIG. 4


CLASS AND ATTRIBUTES FOR USER 70
USER
71
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72
CERTIFICATES
73